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4 refs.

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Trans. of Zhurnal Prikladnoi Khimii (USSR) 1943,
v. 16, p. 345-350.

DESCRIPTORS: *Lubrication, *Oils, Colloids,
Sulfonates.

Sodium salts of sulfonic acids prepared from shale tar
fractions are a good emulsifier of lubricating oils. In
comparison with naphthenesulfonic acids a consider-
ably smaller amount of this agent is required. Prepa-
ration of concentrated emulsions can be effected at
room temperature, which simplifies the manufacturing
process. No alcohol is required for the preparation of
an emulsion. The corrosion of steel is completely pre-
vented by adding to the aqueous emulsion up to 0.55%
sodium carbonate. (Author)

I. Berkengelm, A. M.
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Office of Technical Services
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Bogdanov, T. I. Berkenheim.

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DESCRIPTORS: *Bricks, Construction, *Ice, Resist-
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Water, Moistureproofing.

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rials the ratio of the volume of reserve pores (those
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ATS-RS-3545

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Trans. of Invest[lya] Vysishikh Ucheb[nykh] Zavedenii.
Neft' i Gaz (USSR) 1961, v. 4, no. 3, p. 39-46.

DESCRIPTORS: *Well drilling, Theory, *Gas flow,
Air, Geophysics, Petroleum, Sources.

ATS-RJ-3480

(Engineering--Chemical, TT, v. 8, no. 4)

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